

Laminated sheet for printed circuit board - comprises woven glass fabric surface layers filled with brucite, alumina and kaolin, and non-woven glass fabric interlayer

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Abstract (Basic): JP 10146916 A

Laminated sheet for a printed circuit comprises: surface layers having woven glass fabric impregnated with a resin contg. 100 wt. parts of a thermosetting resin and 30-300 wt. parts of an inorganic filler. The intermediate layer consists of a nonwoven glass fabric impregnated with a resin contg. 100 wt. parts of a thermosetting resin and 60-600 wt. parts of an inorganic filler. The inorganic filler of the surface layers contains 15-250 wt. parts of powdered brucite and 10-150 wt. parts of alumina or kaolin clay for every 100 wt. parts of the thermosetting resin.

ADVANTAGE - The laminated sheet for a printed circuit has resistance to flame and soldering which is equivalent to that of the conventional composite laminated sheet with a halogen cpd. but generates little smoke and harmful gas.

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Title Terms: LAMINATE; SHEET; PRINT; CIRCUIT; BOARD; COMPRISE; WOVEN; GLASS ; FABRIC; SURFACE; LAYER; FILLED; BRUCITE; ALUMINA; KAOLIN; NON; WOVEN; GLASS; FABRIC; INTERLAYER

Index Terms/Additional Words: PCB

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